

09812647_LIST

PLUS Search Results for S/N 09812647, Searched July 23, 2002

4275350
5644235
5729142
6278409
5823845
4948288
4127017
6053697
6153959
4254658
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6003954
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09812647_LIST

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09812647_LIST

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09812647_LIST

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09812647_LIST

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09812647_LIST

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09812647_LIST

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09812647_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09812647 on July 23, 2002

13	310/114	(3 OR, 10 XR)
	Class 310 :	ELECTRICAL GENERATOR OR MOTOR STRUCTURE
	310/10	DYNAMOELECTRIC
	310/40R	.Rotary
	310/114	..Plural rotary elements
12	188/218XL	(6 OR, 6 XR)
	Class 188 :	BRAKES
	188/381	FRICTIONAL VIBRATION DAMPER
	188/218R	.Brake wheels
	188/218XL	..Disk type
9	57/406	(4 OR, 5 XR)
	Class 057 :	TEXTILES: SPINNING, TWISTING, AND TWINING
	57/1R	APPARATUS AND PROCESSES
	57/400	.Open end spinning
	57/404	..Rotating chamber type
	57/406	...With housing for drive or support
9	188/71.5	(5 OR, 4 XR)
	Class 188 :	BRAKES
	188/67	ROD
	188/71.1	.Axially movable brake element or housing therefor
	188/71.5	..Plural rotating elements (e.g., "multidisc")
8	57/409	(3 OR, 5 XR)
	Class 057 :	TEXTILES: SPINNING, TWISTING, AND TWINING
	57/1R	APPARATUS AND PROCESSES
	57/400	.Open end spinning
	57/404	..Rotating chamber type
	57/408	...With fiber separating and/or feeding
	57/409Plural or variable feed
8	188/18A	(2 OR, 6 XR)
	Class 188 :	BRAKES
	188/2R	VEHICLE
	188/17	.Hub or disk
	188/18R	..Motor vehicle
	188/18A	...Disc brakes
8	310/90	(4 OR, 4 XR)

09812647_CLSTITLES

	Class	310 :	ELECTRICAL GENERATOR OR MOTOR STRUCTURE
	310/10		DYNAMOELECTRIC
	310/40R		.Rotary
	310/66		..With other elements
	310/90		...Bearing or air-gap adjustment or bearing lubrication
7	290/55	(3 OR, 4 XR)	
	Class	290 :	PRIME-MOVER DYNAMO PLANTS
	290/54		FLUID-CURRENT MOTORS
	290/55		.Wind
6	416/134A	(4 OR, 2 XR)	
	Class	416 :	FLUID REACTION SURFACES
	416/131		ARTICULATED, RESILIENTLY MOUNTED OR SELF-SHIFTING IMPELLER OR WORKING MEMBER
	416/134R		.Nonmetallic resilient mounting
	416/134A		..Aircraft rotors
5	57/58.49	(0 OR, 5 XR)	
	Class	057 :	TEXTILES: SPINNING, TWISTING, AND TWINING
	57/1R		APPARATUS AND PROCESSES
	57/58.49		.Unitary multiple twist devices
5	310/112	(0 OR, 5 XR)	
	Class	310 :	ELECTRICAL GENERATOR OR MOTOR STRUCTURE
	310/10		DYNAMOELECTRIC
	310/40R		.Rotary
	310/112		..Plural units, structurally united
5	310/168	(2 OR, 3 XR)	
	Class	310 :	ELECTRICAL GENERATOR OR MOTOR STRUCTURE
	310/10		DYNAMOELECTRIC
	310/40R		.Rotary
	310/159		..A.C.
	310/166		...Induction
	310/168	Inductor-type generators (variable reluctance)
5	310/42	(1 OR, 4 XR)	
	Class	310 :	ELECTRICAL GENERATOR OR MOTOR STRUCTURE
	310/10		DYNAMOELECTRIC
	310/40R		.Rotary
	310/42		..With assembling, metal casting or machining feature
5	310/90.5	(4 OR, 1 XR)	
	Class	310 :	ELECTRICAL GENERATOR OR MOTOR STRUCTURE

09812647_CLSTITLES

310/10 DYNAMOELECTRIC

310/40R .Rotary

310/66 ..With other elements

310/90 ...Bearing or air-gap adjustment or bearing lubrication

310/90.5Magnetic bearing

5 416/141 (2 OR, 3 XR)

Class 416 : FLUID REACTION SURFACES

416/131 ARTICULATED, RESILIENTLY MOUNTED OR SELF-SHIFTING IMPELLER OR WORKING MEMBER

416/141 .Plural articulation

5 418/201.1 (3 OR, 2 XR)

Class 418 : ROTARY EXPANSIBLE CHAMBER DEVICES

418/191 INTERENGAGING ROTATING MEMBERS

418/201.1 .Helical or herringbone

4 57/408 (0 OR, 4 XR)

Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING

57/1R APPARATUS AND PROCESSES

57/400 .Open end spinning

57/404 ..Rotating chamber type

57/408 ...With fiber separating and/or feeding

4 57/413 (2 OR, 2 XR)

Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING

57/1R APPARATUS AND PROCESSES

57/400 .Open end spinning

57/404 ..Rotating chamber type

57/408 ...With fiber separating and/or feeding

57/413With specific rotor feed channel

4 57/58.52 (0 OR, 4 XR)

Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING

57/1R APPARATUS AND PROCESSES

57/58.49 .Unitary multiple twist devices

57/58.52 ..With stranding or plying (e.g., doubling)

4 74/572 (1 OR, 3 XR)

Class 074 : MACHINE ELEMENT OR MECHANISM

74/469 CONTROL LEVER AND LINKAGE SYSTEMS

74/572 .Flywheels and rotors

4 82/1.11 (3 OR, 1 XR)

Class 082 : TURNING

82/1.11 PROCESS OF TURNING

09812647_CLSTITLES

- 4 82/112 (0 OR, 4 XR)
 Class 082 : TURNING
 82/112 PORTABLE LATHE FOR BRAKE DRUM, DISC, OR SHOE
- 4 188/218R (1 OR, 3 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/218R .Brake wheels
- 4 244/17.11 (0 OR, 4 XR)
 Class 244 : AERONAUTICS
 244/4R AIRCRAFT, HEAVIER-THAN-AIR
 244/17.11 .Helicopter or auto-rotating wing sustained,
 i.e., gyroplanes
- 4 310/115 (0 OR, 4 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/114 ..Plural rotary elements
 310/115 ...Field and armature both rotate
- 4 310/268 (0 OR, 4 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/261 ..Rotor structure
 310/264 ...Armatures
 310/268Disc
- 4 310/40MM (1 OR, 3 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/40MM ..Miniature motors
- 4 318/139 (2 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/139 BATTERY-FED MOTOR SYSTEMS
- 4 318/52 (2 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/34 PLURAL, DIVERSE OR DIVERSELY CONTROLLED
 ELECTRIC MOTORS
 318/52 .Slipping and/or racing control for electric
 motors
- 4 416/140 (0 OR, 4 XR)

09812647_CLSTITLES

Class 416 : FLUID REACTION SURFACES
 416/131 ARTICULATED, RESILIENTLY MOUNTED OR
 SELF-SHIFTING IMPELLER OR WORKING MEMBER
 416/140 .Including movement limit stop or damping mean

s

4 418/9 (2 OR, 2 XR)
 Class 418 : ROTARY EXPANSIBLE CHAMBER DEVICES
 418/5 MULTISTAGE
 418/9 .Interengaging rotary members

4 494/26 (1 OR, 3 XR)
 Class 494 : IMPERFORATE BOWL: CENTRIFUGAL SEPARATORS
 494/23 WITH MEANS FOR FURNISHING AUXILIARY FLUID TO
 MATERIAL OR APPARATUS
 494/26 .Air at atmospheric, or greater, pressure

4 494/47 (0 OR, 4 XR)
 Class 494 : IMPERFORATE BOWL: CENTRIFUGAL SEPARATORS
 494/43 ROTATABLE BOWL
 494/47 .Including means for imparting other movement
 to bowl in whole or in part before, during

or after its

axial rotation

3 57/59 (0 OR, 3 XR)
 Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING
 57/1R APPARATUS AND PROCESSES
 57/59 .Delivery twist type

3 57/60 (0 OR, 3 XR)
 Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING
 57/1R APPARATUS AND PROCESSES
 57/59 .Delivery twist type
 57/60 ..With twisting couple

3 73/861.77 (1 OR, 2 XR)
 Class 073 : MEASURING AND TESTING
 73/861 VOLUME OR RATE OF FLOW
 73/861.77 .Using rotating member with particular
 electrical output or circuit

3 180/197 (0 OR, 3 XR)
 Class 180 : MOTOR VEHICLES
 180/197 WITH MEANS FOR DETECTING WHEEL SLIP DURING
 VEHICLE ACCELERATION AND CONTROLLING IT BY

REDUCING

09812647 CLSTITLES
APPLICATION OF POWER TO WHEEL

3 180/65.6 (1 OR, 2 XR)
Class 180 : MOTOR VEHICLES
180/54.1 POWER
180/65.1 .Electric
180/65.6 ..With gearing between electric motor and driv
e
wheel

3 180/65.7 (1 OR, 2 XR)
Class 180 : MOTOR VEHICLES
180/54.1 POWER
180/65.1 .Electric
180/65.6 ..With gearing between electric motor and driv
e
wheel
180/65.7 ...Gearing is a changeable ratio gearing

3 188/71.6 (1 OR, 2 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/71.6 ..With means for cooling brake

3 188/72.4 (1 OR, 2 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/72.1 ..With means for actuating brake element
188/72.4 ...By fluid pressure piston

3 188/73.1 (0 OR, 3 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/73.1 ..Structure of brake element

3 192/107M (0 OR, 3 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES
192/107R .Engaging surfaces
192/107M ..Material

3 210/744 (0 OR, 3 XR)

09812647_CLSTITLES

Class 210 : LIQUID PURIFICATION OR SEPARATION
 210/600 PROCESSES
 210/739 .Including controlling process in response to

a

sensed condition
 210/744 ..Level sensing

3 290/40C (0 OR, 3 XR)

Class 290 : PRIME-MOVER DYNAMO PLANTS
 290/7 ELECTRIC CONTROL
 290/40R .Engine control
 290/40C ..Control in response to generator and prime
 mover conditions

3 290/44 (3 OR, 0 XR)

Class 290 : PRIME-MOVER DYNAMO PLANTS
 290/7 ELECTRIC CONTROL
 290/43 .Fluid-current motors
 290/44 ..Wind

3 301/6.1 (3 OR, 0 XR)

Class 301 : LAND VEHICLES: WHEELS AND AXLES
 301/5.1 WHEEL
 301/6.1 .With drive or brake attachment

3 310/194 (2 OR, 1 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/179 ..Windings and core structure
 310/180 ...Field or excitation windings or structure
 310/194Coil supports and spools

3 310/54 (0 OR, 3 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/52 ..Cooling or fluid contact
 310/54 ...Liquid coolant

3 310/61 (0 OR, 3 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/52 ..Cooling or fluid contact
 310/58 ...Circulation
 310/60RSelf-forced
 310/61Rotor passage

09812647_CLSTITLES

- 3 310/68D (2 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/68R ...Electric circuit elements
 310/68DConversion elements, (e.g., transformers,
 rectifiers, etc.)
- 3 310/74 (1 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/74 ...Inertia or fly-wheel device
- 3 310/87 (0 OR, 3 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/85 ...Mechanical shields or protectors
 310/87Submersible
- 3 310/89 (1 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/85 ...Mechanical shields or protectors
 310/89Housings, windows or covers
- 3 310/91 (0 OR, 3 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/91 ...Supports
- 3 324/174 (1 OR, 2 XR)
 Class 324 : ELECTRICITY: MEASURING AND TESTING
 324/160 ELECTRICAL SPEED MEASURING
 324/166 .Including speed-related frequency generator
 324/173 ..Including magnetic detector
 324/174 ...Permanent magnet type
- 3 324/321 (3 OR, 0 XR)

09812647 CLSTITLES

- Class 324 : ELECTRICITY: MEASURING AND TESTING
 324/300 PARTICLE PRECESSION RESONANCE
 324/318 .Spectrometer components
 324/321 ..Sample holder structure
- 3 415/119 (0 OR, 3 XR)
 Class 415 : ROTARY KINETIC FLUID MOTORS OR PUMPS
 415/119 WITH SOUND OR VIBRATORY WAVE ABSORBING OR
 PREVENTING MEANS OR ARRANGEMENT
- 3 416/DIG 4 (0 OR, 3 XR)
 Class 416 : FLUID REACTION SURFACES
 416/DIG 4 Fluid current motor and generator
- 3 494/16 (2 OR, 1 XR)
 Class 494 : IMPERFORATE BOWL: CENTRIFUGAL SEPARATORS
 494/16 INCLUDING PLURALITY OF MINIATURE BOWLS (E.G.,
 TEST TUBES) DISTRUBUTED ABOUT ROTATABLE CAR
 RIER AND READILY
 REMOVABLE THEREFROM
- 3 494/23 (0 OR, 3 XR)
 Class 494 : IMPERFORATE BOWL: CENTRIFUGAL SEPARATORS
 494/23 WITH MEANS FOR FURNISHING AUXILIARY FLUID TO
 MATERIAL OR APPARATUS
- 3 494/57 (0 OR, 3 XR)
 Class 494 : IMPERFORATE BOWL: CENTRIFUGAL SEPARATORS
 494/43 ROTATABLE BOWL
 494/56 .Including discharge-related structure in
 nature of (a) outlet having device for con
 trolling quantity
 of flow, (b) element associated with picku
 p of material and
 adjustable for varying quality of flow, or
 (c) static
 scraper or the like for engaging material
 in moving bowl
 494/57 ..Element associated with pickup of material
 and adjustable for varying quality of flow
- 3 604/4.01 (3 OR, 0 XR)
 Class 604 : SURGERY
 604/4.01 BLOOD DRAWN AND REPLACED OR TREATED AND
 RETURNED TO BODY
- 2 29/447 (0 OR, 2 XR)
 Class 029 : METAL WORKING

09812647 CLSTITLES

29/592	METHOD OF MECHANICAL MANUFACTURE
29/428	.Assembling or joining
29/446	..With prestressing of part
29/447	...By temperature differential (e.g., shrink fit)
2	29/888.023 (0 OR, 2 XR)
	Class 029 : METAL WORKING
29/592	METHOD OF MECHANICAL MANUFACTURE
29/888	.Prime mover or fluid pump making
29/888.02	..Fluid pump or compressor making
29/888.023	...Screw or gear type, e.g., Moineau type
2	34/97 (1 OR, 1 XR)
	Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS
34/523	APPARATUS
34/96	.For hair on head
34/97	..With gas or vapor flow for contact
2	56/370 (2 OR, 0 XR)
	Class 056 : HARVESTERS
56/370	TEDDERS
2	57/263 (0 OR, 2 XR)
	Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING
57/1R	APPARATUS AND PROCESSES
57/261	.Piecing up
57/263	..On open-end machine
2	57/264 (1 OR, 1 XR)
	Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING
57/1R	APPARATUS AND PROCESSES
57/264	.Monitor and control
2	57/400 (2 OR, 0 XR)
	Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING
57/1R	APPARATUS AND PROCESSES
57/400	.Open end spinning
2	57/404 (1 OR, 1 XR)
	Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING
57/1R	APPARATUS AND PROCESSES
57/400	.Open end spinning
57/404	..Rotating chamber type
2	57/411 (0 OR, 2 XR)
	Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING

09812647 CLSTITLES

57/1R APPARATUS AND PROCESSES
 57/400 .Open end spinning
 57/404 ..Rotating chamber type
 57/408 ...With fiber separating and/or feeding
 57/411With fluid flow controlling or directing

2 57/58.7 (0 OR, 2 XR)
 Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING
 57/1R APPARATUS AND PROCESSES
 57/58.49 .Unitary multiple twist devices
 57/58.7 ..With strand feeding means

2 57/58.83 (0 OR, 2 XR)
 Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING
 57/1R APPARATUS AND PROCESSES
 57/58.49 .Unitary multiple twist devices
 57/58.83 ..With strand guiding, guarding, or controllin

g

means

2 72/53 (0 OR, 2 XR)
 Class 072 : METAL DEFORMING
 72/53 BY SHOT-BLASTING

2 73/261 (2 OR, 0 XR)
 Class 073 : MEASURING AND TESTING
 73/861 VOLUME OR RATE OF FLOW
 73/232 .Expansible chamber
 73/253 ..Rotary piston or cylinder
 73/261 ...With interengaging pistons

2 73/462 (2 OR, 0 XR)
 Class 073 : MEASURING AND TESTING
 73/66 ROTOR UNBALANCE
 73/460 .Dynamic (spinning)
 73/462 ..With electrical sensor and indicator

2 74/5.34 (1 OR, 1 XR)
 Class 074 : MACHINE ELEMENT OR MECHANISM
 74/5R GYROSCOPES
 74/5.34 .Multiple gyroscopes

2 74/5.6D (0 OR, 2 XR)
 Class 074 : MACHINE ELEMENT OR MECHANISM
 74/5R GYROSCOPES
 74/5.6R .With pick off
 74/5.6D ..Electrical

09812647_CLSTITLES

- 2 74/5.7 (0 OR, 2 XR)
 Class 074 : MACHINE ELEMENT OR MECHANISM
 74/5R GYROSCOPES
 74/5.7 .With rotor drive
- 2 82/155 (0 OR, 2 XR)
 Class 082 : TURNING
 82/117 LATHE
 82/152 .Attachment
 82/153 ..Stop (e.g., carriage, tool, work, etc.)
 82/155 ...Collet or spindle
- 2 82/162 (0 OR, 2 XR)
 Class 082 : TURNING
 82/117 LATHE
 82/162 .Work rest
- 2 105/136 (0 OR, 2 XR)
 Class 105 : RAILWAY ROLLING STOCK
 105/133 MOTOR PLACEMENT
 105/136 .Axle mounting
- 2 123/203 (2 OR, 0 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/200 ROTARY
 123/203 .With combusted gas treatment or handling means
- 2 123/236 (0 OR, 2 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/200 ROTARY
 123/221 .With transfer means intermediate single
 compression volume means and single expansion volume means
- 123/234 ..Compression volume means axially disposed
 relative to expansion volume means
 123/236 ...Vane
- 2 123/248 (2 OR, 0 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/200 ROTARY
 123/247 .Only combustion and expansion of charge in
 engine
 123/248 ..Abutment
- 2 180/65.8 (0 OR, 2 XR)

09812647_CLSTITLES

Class 180 : MOTOR VEHICLES
 180/54.1 POWER
 180/65.1 .Electric
 180/65.8 ..With electronic devices (logic gates,
 semi-conductors, vacuum tubes, etc.) in con
 trol circuit

2 188/251A (0 OR, 2 XR)

Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/250R .Shoes
 188/251R ..Composite
 188/251A ...Materials

2 188/264A (1 OR, 1 XR)

Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/264R .Cooling and lubricating
 188/264A ..Air-cooled, axially engaging

2 188/72.5 (0 OR, 2 XR)

Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
 188/72.4 ...By fluid pressure piston
 188/72.5Piston for each of plural elements

2 188/73.37 (1 OR, 1 XR)

Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.37 ...Having means to prevent vibration of brake
 element

2 188/73.45 (1 OR, 1 XR)

Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.43 ...Including actuator slidable in plane
 parallel to axis of rotation of wheel
 188/73.44On axially extending pin
 188/73.45Plural pins

09812647_CLSTITLES

2 244/17.25 (2 OR, 0 XR)
 Class 244 : AERONAUTICS
 244/4R AIRCRAFT, HEAVIER-THAN-AIR
 244/17.11 .Helicopter or auto-rotating wing sustained,
 i.e., gyroplanes
 244/17.25 ..Lifting rotor having lift direction varying
 means

2 244/6 (1 OR, 1 XR)
 Class 244 : AERONAUTICS
 244/4R AIRCRAFT, HEAVIER-THAN-AIR
 244/6 .Airplane and helicopter sustained

2 290/3 (2 OR, 0 XR)
 Class 290 : PRIME-MOVER DYNAMO PLANTS
 290/3 TRAIN

2 290/40B (1 OR, 1 XR)
 Class 290 : PRIME-MOVER DYNAMO PLANTS
 290/7 ELECTRIC CONTROL
 290/40R .Engine control
 290/40B ..Control in response to generator line
 conditions

2 290/52 (1 OR, 1 XR)
 Class 290 : PRIME-MOVER DYNAMO PLANTS
 290/52 TURBOGENERATORS

2 290/54 (0 OR, 2 XR)
 Class 290 : PRIME-MOVER DYNAMO PLANTS
 290/54 FLUID-CURRENT MOTORS

2 301/105.1 (1 OR, 1 XR)
 Class 301 : LAND VEHICLES: WHEELS AND AXLES
 301/5.1 WHEEL
 301/105.1 .Hub

2 301/35.623 (0 OR, 2 XR)
 Class 301 : LAND VEHICLES: WHEELS AND AXLES
 301/5.1 WHEEL
 301/9.1 .Detachable wheel section
 301/35.623 ..Lug nut

2 301/6.2 (0 OR, 2 XR)
 Class 301 : LAND VEHICLES: WHEELS AND AXLES
 301/5.1 WHEEL
 301/6.1 .With drive or brake attachment

09812647_CLSTITLES

301/6.2 ..Aircraft wheel

- 2 310/113 (1 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/112 ..Plural units, structurally united
 310/113 ...Motor-generator sets
- 2 310/152 (0 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/152 ..Permanent magnet machines
- 2 310/198 (2 OR, 0 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/179 ..Windings and core structure
 310/195 ...Armature or primary
 310/198 Plural windings
- 2 310/257 (0 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/254 ..Stator structure
 310/257 ...Interfitting or claw-tooth stators
- 2 310/261 (1 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/261 ..Rotor structure
- 2 310/309 (2 OR, 0 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/300 NON-DYNAMOELECTRIC
 310/308 .Charge accumulating
 310/309 ..Electrostatic
- 2 310/67R (0 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/67R ...Inbuilt or incorporated unit

09812647_CLSTITLES

- 2 310/68B (1 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/68R ...Electric circuit elements
 310/68BCondition responsive (e.g., position,
 torque, etc.)
- 2 310/71 (0 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/68R ...Electric circuit elements
 310/71Connectors, terminals or lead-ins
- 2 310/75R (1 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/75R ...Drive mechanism
- 2 310/83 (0 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/75R ...Drive mechanism
 310/80Motion conversion
 310/83Gearing
- 2 318/430 (1 OR, 1 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/430 MOTOR LOAD, ARMATURE CURRENT OR FORCE CONTROL
 DURING STARTING AND/OR STOPPING
- 2 318/434 (2 OR, 0 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/434 LIMITATION OF MOTOR LOAD, CURRENT, TORQUE OR
 FORCE (E.G., PREVENTING OVERLOAD)
- 2 318/539 (0 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/538 MOTOR STRUCTURE ADJUSTMENT OR CONTROL
 318/539 .Both armature and field structures rotatable

09812647_CLSTITLES
or adjustable

2 318/71 (0 OR, 2 XR)
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
318/34 PLURAL, DIVERSE OR DIVERSELY CONTROLLED
ELECTRIC MOTORS
318/66 .Running-speed control
318/68 ..Relative motor speed control
318/69 ...With speed-difference detector
318/70Electrical-type detectors
318/71Voltage and/or current difference detecto

r

2 322/14 (0 OR, 2 XR)
Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS
322/14 COMBINED CONTROL OF GENERATOR AND DRIVING MEAN

S

2 324/173 (1 OR, 1 XR)
Class 324 : ELECTRICITY: MEASURING AND TESTING
324/160 ELECTRICAL SPEED MEASURING
324/166 .Including speed-related frequency generator
324/173 ..Including magnetic detector

2 324/322 (0 OR, 2 XR)
Class 324 : ELECTRICITY: MEASURING AND TESTING
324/300 PARTICLE PRECESSION RESONANCE
324/318 .Spectrometer components
324/322 ..Electronic circuit elements

2 343/705 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/705 .With aircraft

2 366/305 (0 OR, 2 XR)
Class 366 : AGITATING
366/241 STIRRER WITHIN STATIONARY MIXING CHAMBER
366/279 .Rotatable stirrer
366/302 ..Having cooperating stationary element
366/305 ...Cylindrical or conical stirrer or element

2 366/331 (0 OR, 2 XR)
Class 366 : AGITATING
366/241 STIRRER WITHIN STATIONARY MIXING CHAMBER
366/279 .Rotatable stirrer

09812647_CLSTITLES

- 366/331 ..With specified mounting means
- 2 366/98 (2 OR, 0 XR)
 Class 366 : AGITATING
 366/69 RUBBER OR HEAVY PLASTIC WORKING
 366/96 .Stationary mixing chamber
 366/97 ..With rotating stirrer
 366/98 ...Single stirrer
- 2 416/126 (0 OR, 2 XR)
 Class 416 : FLUID REACTION SURFACES
 416/120 PLURAL IMPELLERS HAVING RELATIVE MOVEMENT OR
 INDEPENDENT SUPPORTS
 416/124 .Coaxial rotation
 416/126 ..Concentric working members
- 2 416/138 (0 OR, 2 XR)
 Class 416 : FLUID REACTION SURFACES
 416/131 ARTICULATED, RESILIENTLY MOUNTED OR
 SELF-SHIFTING IMPELLER OR WORKING MEMBER
 416/135 .Resilient bias or mount
 416/138 ..With manual control means
- 2 416/19 (0 OR, 2 XR)
 Class 416 : FLUID REACTION SURFACES
 416/19 SINGLE BLADE ROTARY IMPELLER WITH
 COUNTERBALANCE
- 2 416/241B (0 OR, 2 XR)
 Class 416 : FLUID REACTION SURFACES
 416/223R SPECIFIC BLADE STRUCTURE (E.G., SHAPE,
 MATERIAL, ETC.)
 416/241R .Coating, specific composition or
 characteristic
 416/241B ..Ceramic material
- 2 418/194 (2 OR, 0 XR)
 Class 418 : ROTARY EXPANSIBLE CHAMBER DEVICES
 418/191 INTERENGAGING ROTATING MEMBERS
 418/194 ..Each tapered
- 2 418/201.2 (1 OR, 1 XR)
 Class 418 : ROTARY EXPANSIBLE CHAMBER DEVICES
 418/191 INTERENGAGING ROTATING MEMBERS
 418/201.1 ..Helical or herringbone
 418/201.2 ..With valve
- 2 418/222 (0 OR, 2 XR)

09812647_CLSTITLES

Class	418	:	ROTARY EXPANSIBLE CHAMBER DEVICES
418/222			SEPARABLE ABUTMENT
2	418/3		(0 OR, 2 XR)
Class	418	:	ROTARY EXPANSIBLE CHAMBER DEVICES
418/3			DIVERSE ROTARY EXPANSIBLE CHAMBER DEVICES
2	451/290		(0 OR, 2 XR)
Class	451	:	ABRADING
451/64			MACHINE
451/177			.Rotary tool
451/259			..Rotary disk
451/283			...Work rotating
451/285		Rotary work holder
451/290		Disk or wheel abrader
2	451/63		(2 OR, 0 XR)
Class	451	:	ABRADING
451/28			ABRADING PROCESS
451/63			.Side face of disk
2	460/112		(1 OR, 1 XR)
Class	460	:	CROP THRESHING OR SEPARATING
460/111			STRAW CHAFF SPREADER OR HANDLING (DISCHARGE)
460/112			.With chopper
2	460/85		(2 OR, 0 XR)
Class	460	:	CROP THRESHING OR SEPARATING
460/79			SEPARATOR
460/85			.Straw walker
2	494/41		(0 OR, 2 XR)
Class	494	:	IMPERFORATE BOWL: CENTRIFUGAL SEPARATORS
494/38			INCLUDING SEALING MEANS
494/41			.For sealing between stationary and moving elements
2	494/84		(1 OR, 1 XR)
Class	494	:	IMPERFORATE BOWL: CENTRIFUGAL SEPARATORS
494/84			INCLUDING SPECIFIC DEVICE OR STRUCTURE FOR DRIVING OR CONTROLLING BOWL

09812647_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09812647 on July 23, 2002

Original Classifications

6	188/218XL
5	188/71.5
4	57/406
4	310/90
4	310/90.5
4	416/134A
3	57/409
3	82/1.11
3	290/44
3	290/55
3	301/6.1
3	310/114
3	324/321
3	418/201.1
3	604/4.01
2	56/370
2	57/400
2	57/413
2	73/261
2	73/462
2	123/203
2	123/248
2	188/18A
2	244/17.25
2	290/3
2	310/168
2	310/194
2	310/198
2	310/309
2	310/68D
2	318/139
2	318/434
2	318/52
2	366/98
2	416/141
2	418/194
2	418/9
2	451/63
2	460/85
2	494/16

Cross-Reference Classifications

10	310/114
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09812647_CLS

6 188/18A
6 188/218XL
5 57/406
5 57/409
5 57/58.49
5 310/112
4 57/408
4 57/58.52
4 82/112
4 188/71.5
4 244/17.11
4 290/55
4 310/115
4 310/268
4 310/42
4 310/90
4 416/140
4 494/47
3 57/59
3 57/60
3 74/572
3 180/197
3 188/218R
3 188/73.1
3 192/107M
3 210/744
3 290/40C
3 310/168
3 310/40MM
3 310/54
3 310/61
3 310/87
3 310/91
3 415/119
3 416/141
3 416/DIG 4
3 494/23
3 494/26
3 494/57
2 29/447
2 29/888.023
2 57/263
2 57/411
2 57/413
2 57/58.7
2 57/58.83
2 72/53
2 73/861.77

09812647_CLS

2 74/5.6D
2 74/5.7
2 82/155
2 82/162
2 105/136
2 123/236
2 180/65.6
2 180/65.7
2 180/65.8
2 188/251A
2 188/71.6
2 188/72.4
2 188/72.5
2 290/54
2 301/35.623
2 301/6.2
2 310/152
2 310/257
2 310/67R
2 310/71
2 310/74
2 310/83
2 310/89
2 318/139
2 318/52
2 318/539
2 318/71
2 322/14
2 324/174
2 324/322
2 343/705
2 366/305
2 366/331
2 416/126
2 416/134A
2 416/138
2 416/19
2 416/241B
2 418/201.1
2 418/222
2 418/3
2 418/9
2 451/290
2 494/41

Combined Classifications

13 310/114
12 188/218XL

09812647_CLS

9 57/406
9 188/71.5
8 57/409
8 188/18A
8 310/90
7 290/55
6 416/134A
5 57/58.49
5 310/112
5 310/168
5 310/42
5 310/90.5
5 416/141
5 418/201.1
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3 310/54
3 310/61

09812647_CLS

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3 310/89
3 310/91
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3 324/321
3 415/119
3 416/DIG 4
3 494/16
3 494/23
3 494/57
3 604/4.01
2 29/447
2 29/888.023
2 34/97
2 56/370
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2 57/264
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2 74/5.6D
2 74/5.7
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2 82/162
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2 123/203
2 123/236
2 123/248
2 180/65.8
2 188/251A
2 188/264A
2 188/72.5
2 188/73.37
2 188/73.45
2 244/17.25
2 244/6
2 290/3
2 290/40B
2 290/52
2 290/54

09812647_CLS

2 301/105.1
2 301/35.623
2 301/6.2
2 310/113
2 310/152
2 310/198
2 310/257
2 310/261
2 310/309
2 310/67R
2 310/68B
2 310/71
2 310/75R
2 310/83
2 318/430
2 318/434
2 318/539
2 318/71
2 322/14
2 324/173
2 324/322
2 343/705
2 366/305
2 366/331
2 366/98
2 416/126
2 416/138
2 416/19
2 416/241B
2 418/194
2 418/201.2
2 418/222
2 418/3
2 451/290
2 451/63
2 460/112
2 460/85
2 494/41
2 494/84